

Working cond & TCR pg 1

Wednesday, January 6, 2021 8:56 AM

Next Monthly mtg is April 14th

8a EQMS

TO No.: 68HE0720D00007/68HE0720F0137

PoP: 8/13/20 to 8/12/21

1-5-21: Jason left a voice mail regarding E 17th St/ Elm Rd mine shaft.

1-6-21 I called back , no answer. Called again, **EQMS is rained out** today and likely to be shut down tomorrow due to rain and snow.

1-7-21 QMS **rained out**

1-8-21 Jason sent email and called

1-13-21 First Monthly mtg (see notes)

1-14-21 site visit planned

1-15-21 TCR Jason 1055. Wet day down there but they are working, they plan to work Monday. I told them I will be off on Monday but available by phone. Todd is working and will be available.

1-25-21 Jason sent an email and they are **rained out** today and will be **rained out** on 1-26-21.

Rained out on 1-27, 1-28, and too wet on 1-29.

February 2021

2-2-21 Jason S sent a text message that EQMS is finding large junks of concrete in the road excavation they are constructing for the culvert. They are taking the junks up on top to be sorted for subsequent disposal outside the repos.

2-8-21 Jason sent an email, **no work today** due to icy conditions.

2-9-21 I called Jason. EQMS is **not working today** due to icy conditions.

2-10-21 Todd C. Liz H and I exchanged emails and I sent Jason an email requesting status. Todd notified me that **EQMS is not working today**. I then followed up with a phone call Jason acknowledged that he knew he was supposed to call me or send an email but got busy and forgot.

2-11-21 EQMS- Jason sent an email, is working today.

2-15-21 Jason S. sent an email on 2-15 that EQMS **did not work** on 2-15-21.

2-16-21 Jason S. sent an email on 2-16-21 EQMS **is not planning to work on 2-16-21** and may not work all week.

2-17-21 Jason S. sent an email in the morning. they received more snow, **no work today**.

2-18-21 Jason S sent an email indicating that EQMS **is not working today**. I responded with a request for clarification. Jason responded a bit later. They also have a broken pipe in the office bldg.

2-19-21 Jason S. sent an email EQMS is **not working today due to weather conditions**. I called him before I saw his email.

2-22-21 Jason S sent an email last night that EQMS **will not be working on 2-22-21** due to weather and ground conditions.

2-23-21 Jason S sent an email today. EQMS **will not be conducting field work** due to wet conditions.

March

3-3-21 I Called Jason, everything is going well, ground conditions are starting to dry out.

3-4-21 I received an email from Jason S. regarding 24" HDPE culvert pipe.

3-8-21 I called Jason. All is well, nothing to report. They are making progress.

3-10-21 Jason called to let me know they are placing filter sock along the ditch at Elm lane/ E 17th St. getting prepared for coming



rains tomorrow and the rest of the weekend. Confirmed I'm planning to be down next week.

3-12-21 Jason S. sent an email stating that EQMS **will not be working in the field today**.

3-15-21 Jason sent an email today there **will not be any field work today** but they will be checking BMPs. I called Jason and asked about Saturday. They have been working on Saturdays when the weather allows so I told him I am going to count **Saturday as a lost work day**. I asked about Sundays, they have not been working on Sundays and need to get my approval before they do. Therefore, I'm not counting Sundays as lost work days unless and until they get to a point where they need to be working on Sundays, have been approved to work Sundays and then get rained out. Jason agreed this is fair. With this in mind **Saturday February 20, is also a lost work day**. I also asked Jason about the apparent extra wood chips etc. at Gypstack. He and I agree this is something that showed up after EQM was done at Gypstack. I will inspect Gypstack on Tuesday 3-16-21.

3-16-2021 Jason sent an email **no work due to wet conditions**. I was on site. Conditions were very muddy.

3-17-2021 I was onsite in the a.m. **it was pouring rain in the morning** after about 6:00 a.m.

3-18-21 I called Jason asked him to send an email for yesterday and today. **They are rained out**.

3-19-2021 Jason sent an email in the morning **no work today due to wet** conditions. HE sent a second email at 8:05 pm **no work on 3-20 or 3-21** due to wet conditions.

3-22-21 Jason sent an email. EQMS is working today.

3-23-21 Jason sent an email conditions are very wet but it is sunny and windy. They are going to try for a late morning start.

3-25-21 Jason sent an email **no work today** due to showers overnight on already wet conditions and rain moving in later today.

3-26-21 Jason sent an email EQMS **not working** due to we conditions.

3-29-21 I talked to Jason on the phone, they are working. Jason and I discussed the fact that they are finding elevated concentrations of lead in surface and subsurface on the K. Southard property.

3-30-21 I sent an email to Jason summarizing what I was able to find by reviewing the construction completion report dated 2012.

3-31-21 Jason S called me. I called him back at 0909.

Working Cond and TCR pg 2

Friday, April 2, 2021 10:26 AM

1. 4-16-21 Jason S. sent an email EQMS is **not working due to rain**.
2. 4-19-21 Jason sent an email, **no work today** due to wet conditions. They are expecting 1-3 inches of snow tomorrow.
3. 4-20-21 Jason S. sent an email EQMS **not working today due to wet conditions**.
4. 4-28-21 Jason sent an email EQMS **not working** due to wet conditions.
5. 4-30-21 Jason S. sent an email, EQMS **not working** today due to wet field conditions.
6. 5-4-21 Jason S. sent an email, EQMS **not working** today due to wet field conditions.
7. 5-5-21 Jason S. sent an email, EQMS **not working** today due to wet field conditions.
8. 5-10-21 Jason sent an email. EQMS **not working** today due to wet field conditions.
9. 5-12-21 talked to Jason on phone they worked a little yesterday (5-11-21), wants to build a coffer dam around shaft so they can abandon the shaft, do we want to leave the coffer dam there (yes). Seed window hoping to get seeded next week.
10. 5-17-21 Jason Sent an email. EQMS **not working** today due to wet field conditions. May not work the rest of the week.
11. 5-18-21 I talked to Jason S at 1455 on Tuesday 5-18-21. EQMS **is not working today due to wet conditions**. He will send me an email when he knows about tomorrow.
12. 5-27-21 Jason called they are **rained out** this afternoon since about 1030.
13. 6-21-21 Jason sent an email. **No work due to rain**.
14. 6-24-21 I called Jason, they are working today., EQMS plans to work on Monday 7-5-21, will let me know if that changes.
15. I talked to Jason they **aren't working due to wet conditions**.
16. 6-28-21 **No work due to wet conditions**
17. 6-29-2001 Jason sent email and called **no work due to rain** and wet conditions
18. 6-30-21 **No work**
19. 7-1-21 **No work**
20. 7-2-21 I called Jason they are not working today and **didn't work yesterday**, they didn't work this past week.
21. 7-5-21 I called Jason and they worked yesterday on 7-5-21.
22. 7-6-21 And are working today
23. 7-16-21 Jason sent an email. They are **not working today** due to heavy rains overnight.
24. 8-3-21 Special Note - Todd C. went by E 17th St and EQMS was not working and everything looked locked up tight. Not a rain day just a good note.
25. 8-19-21 Jason sent an email. EQMS is **not working today** due to rain.

Contract Mods

Thursday, April 1, 2021 10:18 AM

1. **3-31-21** I talked to Jason Smith. He let me know it is looking like EQMS will need at least 30K CY of clean clay to cap the waste they are finding that was left behind by a previous contractor.
2. **4-1-21** I talked to Koni about the (30,000) CY that be needs to be added
 - a. She asked that I make a note in my review in my reviewed of EQM's proposed cost that haul distance will be a factor in their proposed price.

First Monthly Mtg 1-14-21

Wednesday, January 13, 2021 12:42 PM

1. Met with EQMS staff via Teams, Koni, Todd C and I attended for EPA. Craig H., Jason, and Barry attended for EQMS.
2. We discussed the four bullet items for the monthly mtg.
 - a. **a Gantt Chart** and narrative schedule by cob on the previous Monday. **Craig will update the Gantt Chart per my request.**
 - b. **A checklist of tasks and subtasks - EQMS will add a status of the various tasks to be completed.**
 - c. **List of any changes** that may be necessary to the estimate of materials to be used such as aggregate, CMP, etc. - We discussed the fence CLIN, Koni will simply add funding to the CLIN rather than do a CLIN swap. Koni gave verbal approval for EQMS to proceed with tearing out additional fence. She will send out response to RFI later today. Koni like the RFI form and EQMS will continue to use. Koni will develop a Mod after Jason and I meet tomorrow (1-14-21) to discuss additional fence needed to tear out and replace the fence on Kevin Southard's north boundary (south side of E 17th ST.)
 - d. **Any additional topics.**
 - i. Vandalism: EQMS lost about 100 gal. of diesel fuel out of two bull dozers - EQMS Considering additional security measure to be installed at site
 - ii. Steps to abandon mine shaft - Jason and I will discuss on 1-14-21 options for abandoning, options haul waste from E repos to backfill hole before plugging. PUF, etc. I commented and EQMS and Koni acknowledged that although Jason and I will discuss, **I can't approve any work that will cost the government additional money. Koni must be the one who agrees to any work that incurs additional cost.**

Vent shafts and 5000 CY of waste

Monday, February 1, 2021 11:01 AM

1. I talked to Jason with questions about 5000 CY of waste on the K Southard property
2. I called Koni, she reminded me that I was going to put together a simple IGE for vent shafts and add language to PWS with language from PWS for Newton or Hubzone then we would put together a NTE CLIN for vent shafts with \$20,000.00 for about 4 shafts . Approximately \$5000.00 ea.
3. 5000 CY -

2nd Monthly meeting 2-10-21

Wednesday, February 10, 2021 11:53 AM

Status of:

1. Grading side slopes - North slope is done with slope silt sock EQMS will add more, East slope is mostly done, will need to complete it as they get done working on the Southard prop.
2. Culvert (s) on E 17th St. - installation of 36 inch culvert is done, rock belt has been placed they used bigger rock as Jason discussed with me earlier. EQMS contacted Jasper County and emergency services.
The 24 inch pipe west, may not need to be replaced, the pipe is open and draining properly. They came in under on pipe 70LF vs. 94LF in the B&V design.
3. Excavation of waste eroded toward the east and north proposal for 7500 CY, will price still be \$21.01+/CY? Jason: 162 CY on the north now. On the east there is more than 1000 CY Craig will revise estimate and submit by mid-morning tomorrow (2-11-21). If it turns out there is more waste than expected less us know ASAP. Don't wait.
4. Stabilized construction entrances. West repos is done. The east one is cut in. the material is soft, they put mine rock in and will place 12 inch rock on top. NO entrance on the Southard prop.
5. Erosion repairs
6. BMP
7. Mine shaft abandonment- If EPA doesn't have enough on the NTE CLIN we can add more later if EQMS finds more or if a situation is worse.
8. Vent shaft and mods - we discussed flowable fill, pneumatic plug, concrete barrier block, etc. Craig and Jason both understand.
9. Schedule update. Sent one update yesterday, Craig will revise to show erosion matting will be after seeding, erosion BMPS are in there twice and Craig will revise. (line 22)
10. Team is expanding, Bryer is expecting a child, Craig will submit an alternate QA person, temporary alternate, H&S is not a key person but EQMS does not need to go through entire swap out process. Craig will just notify Todd and I.
11. Rip-rap quantities CLIN swap they need more rock 3480 ton rip-rap for ditch checks and rock blanket, plus 392 ton. Koni requested a proposal for rip-rap, I will put together an IGE. Rip-rap (12-18 inch size, maybe 18-24 inch) discussed geotextile and new screw types anchors for the GT.
12. CLIN 9-12 inch rock, they used 18+ inch size used to reinforce the outlet and inlet on the 36" pipe, they have used 213 ton. Jason stated he didn't discuss blowing the CLIN 0002AC Quantity with me prior to exceeding the 20 ton limit. Koni asked if we are close or have blown through any other CLIN quantities. Jason responded No. EPA will be watching for a proposal. Jason pointed out that CLIN 0005AL is only 100 CY
13. Is Craig providing meeting notes minutes in Monthly reports. No.
14. Security cameras onsite - Please let EQMS know.

Additional Mine Waste

Thursday, February 11, 2021 8:39 AM

1. I put together a cost estimation type IGE for Koni. She approved it
2. We discussed the issue with EQMS on our monthly call on Wed. 2-10-21. EQMS proposed to replace

Monthly meeting 3-9-2021

Tuesday, March 9, 2021 1:00 PM

1. Attendees: Steve Kemp, Koni, Craig H., Jason S.
2. Are we in danger of exceeding an amount of any CLINs

a.	36" flared end culverts	100% Done
	36" smooth pipe	74% Jason said they won't need any more, Craig clarified they are pretty well done
	Separation geotextile	79% They shouldn't need any extra

We discussed aggregate, I need to get them the new B&V design

Seed Window, if they request I can approve opening the window early (March 15th) instead of April 1.

It's supposed to start raining tomorrow night and continue all the way through Sunday.

Jason will be trying to get ditch checks in place before the rain, they won't go over on the Clin but it will use additional material.

Jason will have Bryer check filter socks etc. before it rains.

Trespassers - but no vandalism or theft again after the initial theft of fuel. System with generator, solar panels, blue lights, cameras, and PA system. Last night Webb City police slow to get over there.

Are we straight on being able to purchase materials, supplies, tools that are not billed to government -
Craig - Yes.

Invoice review notes

Saturday, March 20, 2021 8:52 AM

3-20-21	I reviewed the invoice for EQMS in easylite. There is a significant discrepancy. I sent Craig Hoby describing the issue and stating that I can't pay the invoice as submitted.
	Had to send a revised email because the initial email violated email policy

Mods to the contract

Wednesday, April 14, 2021 8:38 AM

1. I talked to Koni on 4-14-21 she will send an email to EQMS deleting the sentence from the PWS
2. Change on Southard
 - a. Designs from B&V for K southard property

Monthly mtg 4-28-21 10:00 am

Wednesday, April 28, 2021 9:39 AM

1. Gantt chart/ schedule - need update - looking good because they aren't capping
 - a. 1 week of grading + couple of days for cutting the dike,
 - b. Need a schedule for seeding - covid has affected seed supply, they intend to be out there next week.
 - c. Priority is seeding and any additional erosion controls., turf reinforcement mattings will be last
 - d. Fence and gates - couple of weeks out on gates, fence may exceed CLIN by 20 feet
 - e. They have 4-6 weeks of work to complete CFL
2. Final Grade on K Southard 90% done
3. Are south of K. Southard silt sock down, 11,465 of 12" sock covered the bulk of the area, left vegetated areas alone, some erosion starting on the side slopes of the repos. Seed contractor should be there next week, EQMS completed everything on the repos, as they moved south east side on repos but south of K Southard, Checks not installed but may not be needed, we discussed at length UAV use for both NCMT and ODMB purposes. EQMS will discuss and initiate discussion with KAJV
4. **Rock belts checks - exhausted rock ditch liner almost, also need rip-rap, (12") 120 ton, ditch liner is 6-10" needs 90-110, additional 75 ton up on the repository, they existing are filling with silt.**
5. All BMPs EQMS will still install CFL on all of K Southard prepare for long duration
6. Retention pod holding water- I approved EQMS to do all of the work that is in design, install 24" pipe and drain water out, place rip-rap to minimize erosion downstream
7. I asked them to use interim seed mix (is cheaper, same as the side slopes on the repository)
8. **Capping - on the vent shafts vs. I need to get them an email approving vent shaft abandonment with up on the repository dig down about 10-12 feet place a concrete block then back fill with waste. I sent an email on 4-28-21 at 1159 hrs.**

Monthly mtg 6-16-21

Wednesday, June 16, 2021 12:02 PM

1. Still have CFL to put down
2. Laying turf reinf matting down
3. Put 24 inch pipe into the north
4. Tough anchoring the matting because of rocky conditions
5. Fencing material should be started any day
6. They have Kevin S. 5 wire fence in and will get it installed
7. The storm beat them up pretty bad, had to replace and restake CFL
8. Check dams are holding pretty well they've had to clean them out
9. Mine shafts scheduled to be plugged next week. Will take 10 days or so to complete.

If an opportunity arises shift focus to place CFL on the north slope of the repos
And north end of the east facing slope.

Turf reinforcement matting at E 17th St

Thursday, July 8, 2021 2:09 PM

TCR with Jason today at 1410

- Issues with anchoring : they were able to get anchor trench on the north (long edge) but can't get staples in on the west end (too rocky) Hoping for vegetation to grow up through geo tex to hold it in place.
- Far east at top of the hill (on the road) not on top of the repos.
- They tried pig-tail stakes but they just bend.
- **I need to look at this when I go down on the 21st.**

Monthly mtg

Monday, July 12, 2021 11:53 AM

1. Craig H. is not available, he's on his way to Maine
 2. Updates from Jason:
 - a. Placing turf reinforcement matting , need to place 12 inch and 18 inch CFL
 - b. About 22 days of work to replace or repair storm damaged matting
 - c. Staples and rock issues, need to use rock to help anchor the matting
 - d. They are working around it
 - e. Shaft closures: shafts closed last week waiting for concrete to cure
 - f. Fencing crew is onsite working on the chain link fence, placing, left an open space on the east end near Kevin's prop.
 - g. Stan got ahold of Jason regarding getting water from the pond on Kevin's prop. Jason will discuss with them some more, regarding a possible temporary gate between Lima Hill property and Kevin Southard.
 - h. All seed is down, some seed is looking good other areas are struggling, areas that are thin or not existent,
 - i. North slope - Seed contractor has to warranty and reseed if needed.
 - j. Whatever seed contractor does it needs to work. It's on the seed contractor.
 - k. Jason will revisit issue with them. Koni and I will be down next week.
 - l. On K Southard, far NE corner , so far EQMS has not placed any additional large rip-rap. Jason, Koni and I will take a look at this next week.
 3. Budget - How are we looking with budget overall? J: looking good so far shouldn't be any issues.
 4. Schedule - Craig requested a POP extension on 7-1-21 , GanTT chart needs to be updated to be consistent with OPP dated 7-1.
 - a. I will get back to Koni re: rain days.
 5. Summarize changes to budget. Or update schedule and budget, Craig to submit by Monday July 19, 2021
- Fencing, and reveg, NE corner of K Southard prop. Issue along property line is SW corner of K Southard. issues next week.

Koni and I mtg

Tuesday, July 13, 2021 1:21 PM

Monthly meeting 8-6-21

Friday, August 6, 2021 1:05 PM

1. Schedule update
 - a. Alternate seed not growing, will reseed with seed type originally spec out
 - b. Jason will be in the area to monitor growth
2. Covered items in my email dated 8-5-21
 - a. They should revise the monthly report to reflect these issues.
 - b. \$138,00 in CLINs that are overbudget, \$307,000 left in mine shaft CLINs
 - c. Seed exceedance used temporary seed
 - d. They have rock left they will run right up to 100% but won't exceed.
 - e. Craig is preparing the July invoice.

Maybe I will plan another trip on the 17th

Invoice discussion (dated July)

Wednesday, September 8, 2021 8:26 AM

Talked to Jason on 9-8-21

- Seed mix inside Kevin Southards Gates going to do a small patch of progranics by northwest gate EPA will not be billed for this area.
- But rest of K Southard area will be seeded with revegetated with permanent seed mix spec in the tech spec.
- According to Jason, EPA will not be billed for the seeding work to come because it is warranty work.
- August invoice conducted repairs exhausted CLINs 0002AD 0005AL (\$13,029.00)
- Jason \$10,657.11, that leaves \$800K left.)